	Application No.	Applicant(s)
Notice of Allowability	09/827,500	CHANG ET AL.
	Examiner	Art Unit	
	Fred I. Ehichioya	2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *08/24/05*.

2. ☒ The allowed claim(s) is/are *1, 3, 4, 7 - 15, 17, 18, 19, 21, 22, and 25 - 30 (renumbered 1 - 23)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

SHAHID ALAM
PRIMARY EXAMINER

DETAILED ACTION

Examiner's Amendment

1.   During telephone conversation with Kenneth F. Kozik, Attorney for the

Applicants, Registration Number 36,572 on September 11, 2005 authorizations for this

Examiner's amendment was given in a telephone interview.

An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicants, an amendment may be filed as provided

by 37 CFR1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the claims,

Please amend the followings:

Claim 1.   (Presently amended) A computer-implemented method of accessing
information comprising:

processing query text and a wireless identifier received from a wireless device,
the processing comprising:

parsing the query text to generate a search fragment;

substituting long form words for abbreviations contained in the search fragment
in conjunction with an abbreviations dictionary; and

adding context to the search fragment;

searching a collection of data for a set of results matching the query text;

selectively reducing, in conjunction with viewing space on the wireless device,
the set of results to generate a subset of results;

outputting a prose rendition of the query text, ~~the prose rendition representing ordinary speech or writing without metrical structure~~; and

outputting the subset of results on the wireless device.

Please cancel claim 2.

Claim 3.   (Presently amended) The <u>computer-implemented</u> method of claim <u>1</u> ~~2~~ wherein adding context comprises extracting data from a web page from which the query text was received.

Claim 4. (Presently amended) The <u>computer-implemented</u> method of claim <u>1</u> ~~2~~ wherein adding context comprises extracting data from a previously presented results page from which the query text was received.

Please cancel Claim 5.

Please cancel claim 6.

Claim 7.   (Presently amended) The <u>computer-implemented</u> method of claim 1 wherein selectively reducing comprises:

placing the set of results in a hierarchical data structure organized by taxonomy; and

discarding results positioned at a lowest level of the hierarchical data structure.

Claim 8.   (Presently amended) The <u>computer-implemented</u> method of claim 1 wherein outputting the prose rendition comprises:

processing the query text in conjunction with rules of grammar; and

processing the query text in conjunction with a prose configuration file.

Claim 9.   (Presently amended) The <u>computer-implemented</u> method of claim 1 wherein outputting of the subset comprises placing the subset in a table.

Claim 10.   (Presently amended) The <u>computer-implemented</u> method of claim 9 further comprising customizing the table to the wireless device.

Claim 11.   (Presently amended) The <u>computer-implemented</u> method of claim 10 wherein customizing the table to the wireless device comprises:

     loading a wireless style sheet database;

     locating a style sheet that matches the wireless identifier in the style sheet database; and

     reducing the length and width of the table in accordance with the style sheet.

Claim 12.   (Presently amended) The <u>computer-implemented</u> method of claim 11 wherein reducing further comprises subdividing the table into a plurality of smaller tables.

Claim 13.   (Presently amended) The <u>computer-implemented</u> method of claim 10 wherein customizing the table comprises:

     loading an abbreviations dictionary; and

     replacing long form words in the table with corresponding abbreviations in the abbreviations database.

Claim 14.   (Presently amended) A <u>computer-implemented</u> method of accessing information from a wireless device comprising:

     processing query text and a wireless identifier received from the wireless device<u>, the processing comprising:</u>

        <u>parsing the query text to generate a search fragment;</u>

        <u>substituting long form words for abbreviations contained in the search fragment in conjunction with an abbreviations dictionary; and</u>

adding context to the search fragment;

searching a collection of data for a set of results matching the query text;

selectively reducing, in conjunction with viewing space on the wireless device, the set of results to generate a subset of results;

outputting a prose rendition of the query text, the prose rendition representing ordinary speech or writing without metrical structure; and

outputting the subset of results on the wireless device according to a style sheet.

Claim 15.   (Presently amended) The computer-implemented method of claim 14 wherein the query text is a combination of text, sentence fragments and abbreviated words.

Please cancel Claim 16.

Claim 17.   (Presently amended) The computer-implemented method of claim 14 wherein the query text is sentence fragments.

Claim 18.   (Presently amended) The computer-implemented method of claim 14 wherein the query text is abbreviated words.

Claim 19.   (Presently amended) The computer-implemented method of claim 14 wherein the query text is speech.

Please cancel Claim 20.

Claim 21.   (Presently amended) The computer-implemented method of claim 14 20 wherein adding context comprises extracting data from a web page from which the query text was received.

Claim 22.   (Presently amended) The <u>computer-implement</u> method of claim <u>14</u> 20
wherein adding context comprises extracting data from a previously presented results
page from which the query text was received.

Please cancel Claim 23.

Please cancel Claim 24.

Claim 25.   (Presently amended) The <u>computer-implemented</u> method of claim 14
wherein selectively reducing comprises:

placing the set of results in a hierarchical data structure organized by taxonomy;
and

discarding results positioned at a lowest level of the hierarchical data structure.

26. (Presently amended) The <u>computer-implemented</u> method of claim 14 wherein
outputting the subset comprises:

placing the subset in a table; and

reducing the length and width of the table in accordance with a style sheet.

Claim 27.   (Presently amended) The <u>computer-implemented</u> method of claim 26
wherein reducing further comprises dividing the table into a plurality of smaller tables.

Claim 28.   (Presently amended) The <u>computer-implemented</u> method of claim 14
wherein outputting the subset comprises replacing long form words in the table with
corresponding abbreviations in an abbreviations database.

Claim 29.   (Presently amended) A computer program, residing on a computer-
readable medium, including instructions for causing a computer to:

process query text and a wireless identifier received from a wireless device<u>, the</u>
<u>processing comprising:</u>

parsing the query text to generate a search fragment;

substituting long form words for abbreviations contained in the search fragment in conjunction with an abbreviations dictionary; and

adding context to the search fragment;

search a collection of data for a set of results matching the query text;

selectively reduce, in conjunction with viewing space on the wireless device, the set of results to generate a subset of results;

output a prose rendition of the query text, the prose rendition representing ordinary speech or writing without metrical structure; and

output the subset of results on the wireless device.

Claim 30.   (Presently amended) A computer program, residing on a computer-readable medium, including instructions for causing a computer to:

process query text and a wireless identifier received from a wireless device, the processing comprising:

parsing the query text to generate a search fragment;

substituting long form words for abbreviations contained in the search fragment in conjunction with an abbreviations dictionary; and

adding context to the search fragment;

search a collection of data for a set of results matching the query text;

selectively reduce, in conjunction with viewing space on the wireless device, the set of results to generate a subset of results;

outputting a prose rendition of the query, the prose rendition representing ordinary speech or writing without metrical structure; and

output the subset of results on the wireless device according to a style sheet.

Allowable Subject Matter

2.   Claims 1, 3, 4, 7 – 15, 17, 18, 19, 21, 22, and 25 – 30 (renumbered 1 – 23) are

allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record, either singularly or in combination, fail to anticipate or render

obvious the recited feature "processing query text and a wireless identifier received from

a wireless device, the processing comprising:

parsing the query text to generate a search fragment;

substituting long form words for abbreviations contained in the search fragment

in conjunction with an abbreviations dictionary; and

adding context to the search fragment;

searching a collection of data for a set of results matching the query text;

selectively reducing, in conjunction with viewing space on the wireless device,

the set of results to generate a subset of results;

outputting a prose rendition of the query text; and

outputting the subset of results on the wireless device.", as recited in the

independent claims.

The dependent claims, being definite, further limiting, and fully enabled by the

specification are also allowed.

3.   Any comments considered necessary by applicants must be submitted no

later than the payment of the issue fee and, to avoid processing delays, should

preferably accompany the issue fee. Such submissions should be clearly labeled

"Comments on Statement of Reasons for Allowance."

Conclusion

4.   Any inquiry concerning this communication or earlier communications from

the examiner should be directed to Fred I. Ehichioya whose telephone number is 571-

272-4034. The examiner can normally be reached on M - F 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John E. Breene can be reached on 571-272-4107. The fax phone number

for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Fred I. Ehichioya
Patent Examiner
Art Unit 2162

September 29, 2005

SHAHID ALAM
PRIMARY EXAMINER